

REMARKS

Claims 1-10 are pending. By this Amendment, claims 1-10 are amended for clarity, new claims 11 and 12 are added, and claim 6 is canceled without prejudice or disclaimer. Support for new claim 11 can be found at least at paragraph [0032] of the specification and at Fig. 2. Support for new claim 12 can be found at least at paragraph [0029] of the specification and at Fig. 2. No new matter is added. Reconsideration in view of the above Amendments and followings remarks is respectfully requested.

The Office Action objects to claims 1-10. By this Amendment, Applicants amend claims 1-10 to obviate these objections. Accordingly, Applicants request that the objections be withdrawn.

The Office Action rejects claims 1-3, 5-8 and 10 under 35 U.S.C. §103(a) as being anticipated over Lyle (U.S. Patent Application Publication No. US 2003/0058920) in view of Rose (U.S. Patent No. 5,733,044) and claim 4 under 35 U.S.C. §103(a) as being anticipated over to Lyle and Rose in view of Morishita (JP11-023379). The rejection of canceled claim 6 is moot. Applicants respectfully traverse the rejections of the remaining claims.

Applicants assert that Lyle, Rose and Morishita, either alone or in combination, do not disclose or suggest a temperature sensor having at least a neck part extending from the cap part in a direction generally parallel to the opening of the bottomed tubular holder, as recited in independent claim 1.

Lyle merely discloses a temperature sensor 10 that includes a housing 22 having a closed portion 26 defining a cavity 38 and an extended portion 28 extending axially from the closed portion 26. In Lyle, an insert 40 formed of a resin is inserted into cavity 38, and has a sensing element 34 (temperature measuring device 36) inside thereof. See Figs. 1 and 2. However, the Office Action admits that Lyle does not teach a sensor cover having a cap part, a neck part and a guide part in the temperature sensor. Thus, Lyle does not disclose or

suggest a neck part extending from the cap part in a direction generally parallel to the opening of the bottomed tubular holder, as recited in independent claim 1.

Rose does not make up for the above-noted deficiencies of Lyle. Rose also discloses a temperature sensor that has plastic body 16 forming a face end connected with plastic plug 17 and another face end having a plastic stirrup piece 18 for detecting a temperature in the plug-in direction that is a direction of the temperature sensor plugged in an intake conduit 10. See Fig. 1. The Office Action asserts that Rose's plastic body 16 is the same as the recited "neck part," which Applicants dispute. However, as shown in Fig. 1, Rose does not disclose or suggest a neck part extending from the cap part in a direction generally parallel to the opening of the bottomed tubular holder.

Similarly, Morishita does not make up for the above-noted deficiencies of Lyle and Rose. Morishita discloses a temperature sensor, but is silent with respect to a neck part extending from the cap part in a direction generally parallel to the opening of the bottomed tubular holder.

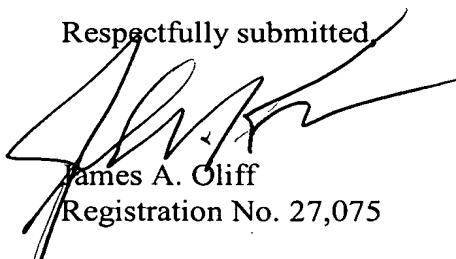
Therefore, Applicants respectfully assert that Lyle Rose and Morishita do not disclose or suggest a neck part extending from the cap part in a direction generally parallel to the opening of the bottomed tubular holder, as recited in independent claim 1.

Therefore, independent claim 1 defines patentable subject matter. Claims 2-5 and 7 depend from the independent claim 1, and therefore also define patentable subject matter. Accordingly, Applicants respectfully request that the rejection of claims 1-5, and 7-10 under 35 U.S.C. §103(a) be withdrawn. Additionally, new claims 11 and 12 depend from independent claim 1, and therefore also define patentable subject matter.

In view of the foregoing, Applicants submit that this application is in condition for allowance. Favorable consideration and prompt allowance of claims 1-5 and 7-12 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in better condition for allowance, the Examiner is invited to contact Applicants' undersigned attorney at the telephone number listed below.

Respectfully submitted,



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